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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : **10/527,997** Confirmation No.: 6314
Applicant : Fuquan LIANG
Filed : March 21, 2005
Title : GLIDE SUBMARINE DRIVEN BY MULTIMEDIA
TC/Art Unit : *To Be Assigned*
Examiner: : *To Be Assigned*

Docket No. : 66638.000002
Customer No. : 21967

MAIL STOP MISSING PARTS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER
35 U.S.C. § 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

Sir,

Responsive to the Notification of Missing Requirements ("Notification") mailed August 29, 2005 (copy attached), Applicants hereby submit a **second** Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Submission under 35 U.S.C. §371 in compliance with the Patent Office's request to provide the missing requirements for the above identified application.

In addition, Application hereby submits an executed oath or declaration, an English translation of the application, a Preliminary Amendment, and an Assignment for recordation (submitted herewith under a separate cover) as required by the Notification.

Accordingly, a check in the amount of \$1,260.00 is attached to cover the required fee. It is believed that no other fees are due in connection with this response. However, if it is determined otherwise, the Commissioner is hereby authorized to charge such fees, or credit any overpayment, to Deposit Account No. 50-0206.

Conclusion

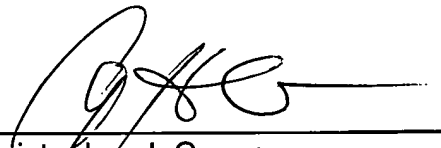
An indication of allowance of all claims is earnestly solicited. Early notification of a favorable consideration is respectfully requested.

Respectfully submitted,

HUNTON & WILLIAMS LLP

Dated: October 31, 2005

By:



Christopher J. Cuneo
Registration No. 42,450

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/527,997	Fuquan Liang	99999.IEM030012P

INTERNATIONAL APPLICATION NO.

PCT/CN03/00806

I.A. FILING DATE

PRIORITY DATE

09/22/2003

09/20/2002

21967
HUNTON & WILLIAMS LLP
INTELLECTUAL PROPERTY DEPARTMENT
1900 K STREET, N.W.
SUITE 1200
WASHINGTON, DC 20006-1109

DOCKETED	9-1-05
ACTION CODE	MISSING REQ.
DUE DATE	10-29-05
BASE DATE	8-29-05
DEADLINE	3-29-06
ATTORNEYS	JAA/CJC
INITIALS	APD

CONFIRMATION NO. 6314
371 FORMALITIES LETTER
OC000000016887181
OC000000016887181

Date Mailed: 08/29/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/21/2005
- Copy of the International Search Report filed on 03/21/2005
- Copy of IPE Report filed on 03/21/2005
- Oath or Declaration filed on 03/21/2005
- U.S. Basic National Fees filed on 03/21/2005
- Priority Documents filed on 03/21/2005

66638.2
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HUNTON & WILLIAMS LLP

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The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. Note a processing fee will be required if submitted later than 30 months from the priority date.
- Processing fee for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(i)).
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$860** for a Large Entity:

- **\$130** Surcharge.
- **\$130** for English translation surcharge required.
- The application search fee has not been paid. Applicant must submit **\$400** to complete the search fee. Note a surcharge will be required if submitted later than commencement of the national stage (37 CFR 1.492(h)) and the basic national fee was not paid before July 1, 2005.
- The application examination fee has not been paid. Applicant must submit **\$200** to complete the examination fee for a non-small entity. Note a surcharge will be required if submitted later than commencement of the national stage (37 CFR 1.492(h)) and the basic national fee was not paid before July 1, 2005.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

VONDA M WALLACE

Telephone: (703) 308-9140 EXT 225

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/527,997	PCT/CN03/00806	99999.IEM030012P

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

638.000002

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

10/527,997

INTERNATIONAL APPLICATION NO.

PCT/CN2003/00806

INTERNATIONAL FILING DATE

22 September 2003

PRIORITY DATE CLAIMED

20 September 2002

TITLE OF INVENTION

GLIDE SUBMARINE DRIVEN BY MULTIMEDIA

APPLICANT(S) FOR DO/EO/US

LIANG, Fuquan

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☒ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A Preliminary Amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.4)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
10/527,997		PCT/CN2003/00806		66638.000002	

21. <input checked="" type="checkbox"/> The following fees are submitted:				CALCULATIONS PTO USE ONLY	
<input type="checkbox"/>	a) Basic National Fee	\$ 300.00		\$	
<input checked="" type="checkbox"/>	b) Examination Fee	\$ 200.00		\$ 200.00	
<input checked="" type="checkbox"/>	c) Search Fee	\$ 400.00		\$ 400.00	
TOTAL OF ABOVE CALCULATIONS				\$ 600.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100	/50		x \$250.00	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	8- 20 =	0	x \$ 50.00	\$	
Independent claims	1 - 3 =	0	x \$200.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$ 360.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 490.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$ 1,090.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 130.00	
TOTAL NATIONAL FEE =				\$ 1,220.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 40.00	
TOTAL FEES ENCLOSED =				\$ 1,260.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$

a. ☒ A check in the amount of \$1,260.00 to cover the above fees is enclosed.

b. ☐ Please charge Deposit Account No. 50-0206 in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0206 A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

CUSTOMER NO. 21967

Intellectual Property Department
Hunton & Williams LLP
1900 K Street, N.W.; Suite 1200
Washington, DC 20006-1109
(202) 955-1500 (telephone)
(202) 778-2201 (facsimile)

SIGNATURE	
NAME	Christopher Cuneo
REGISTRATION NUMBER	42,450
DATE	